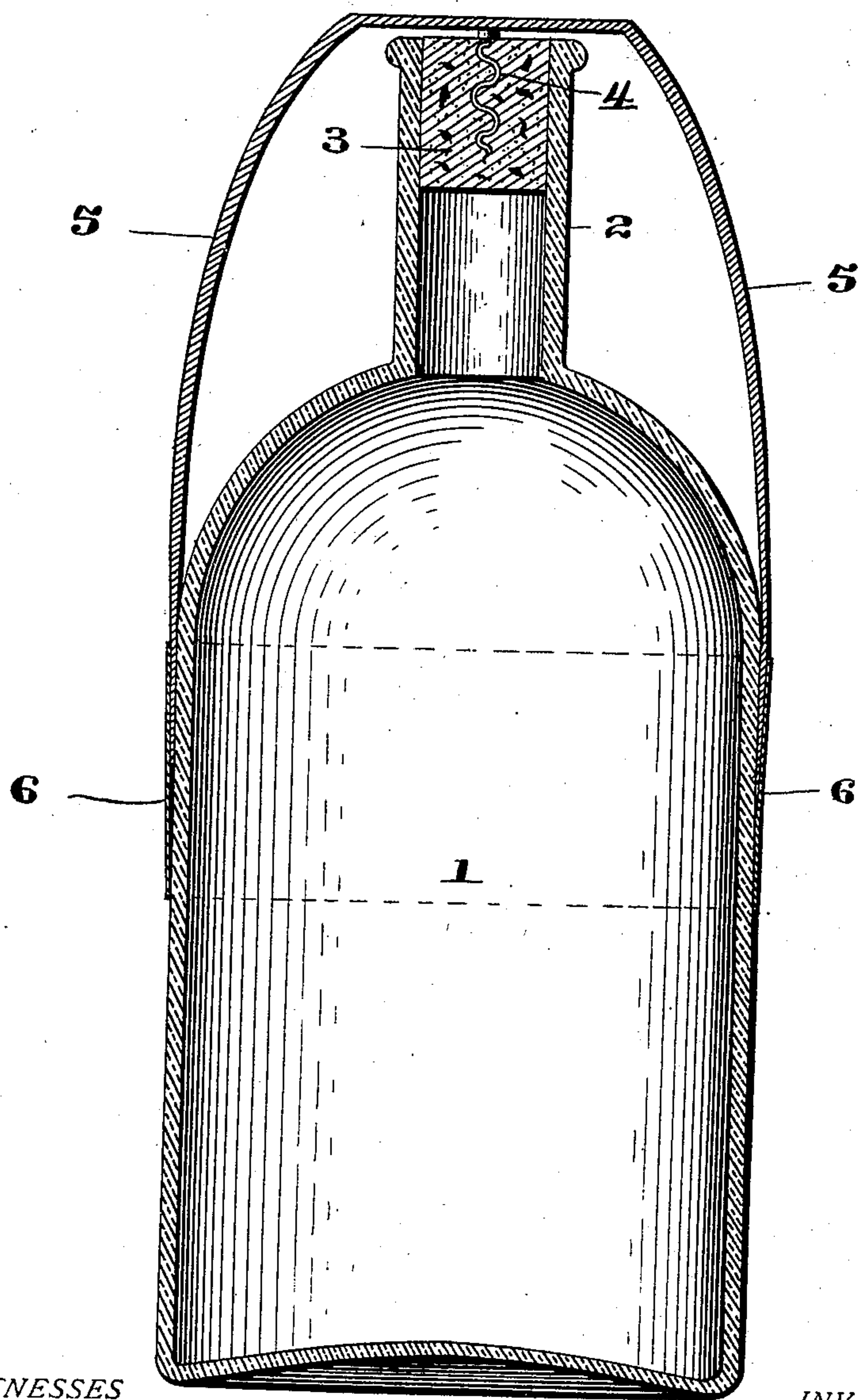


(No Model.)

C. W. MACKEY.
CORK PROTECTOR.

No. 601,776.

Patented Apr. 5, 1898.



WITNESSES

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CHARLES W. MACKEY, OF MORAVIA, NEW YORK.

CORK-PROTECTOR.

SPECIFICATION forming part of Letters Patent No. 601,776, dated April 5, 1898.

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To all whom it may concern:

Be it known that I, CHARLES W. MACKEY, a citizen of the United States, residing at Moravia, county of Cayuga, in the State of New York, have invented a certain new and useful Improvement to Protect the Cork of a Bottle from Being Withdrawn Without Detection, of which the following is a specification.

This invention relates to antirefilling-bottles, being designed to prevent the removal of the contents of the bottle or similar vessel without destroying the appearance of the original package and plainly indicating that the contents had been removed.

It is also the aim of this invention to provide, in connection therewith, means for extracting the cork or stopper simultaneously with the unsealing of the bottle.

To this end the invention consists in certain novel features and details of construction, as hereinafter fully described, illustrated in the drawing, and incorporated in the claims.

The accompanying drawing represents a sectional view of a bottle, showing also the cork and the improved device applied thereto.

Referring to the drawing, 1 designates a bottle or other vessel, which may be of any size or shape, the same being shown as provided with a reduced neck 2, in which is fitted a stopper 3, of cork or any suitable material.

4 designates a corkscrew adapted to be inserted into the cork 3 and connected rigidly to or formed integrally with one or more extensions 5. Two such extensions 5 are illustrated in the drawing, the same being adapted to extend downward upon the sides of the bottle at or near the greatest diameter of said bottle and at diametrically opposite points, so that when the packing-label is placed upon or around the bottle the extremities of said extensions will be engaged by the label and confined between the said label and the exterior surface of the bottle.

6 designates the label, which may extend either partially or wholly around the bottle and which extends sufficiently high thereon to include between it and the bottle one or both of the extremities of the extensions 5.

The extensions 5 are preferably formed from wire, which may be flattened to enable them to lie closely against the exterior surface of the bottle and prevent undue bulging

of the label. The corkscrew 4 may be soldered or secured to the point of junction of the extensions 5 in any suitable manner. The stopper is first inserted in the neck of the bottle, after which the device is applied, the corkscrew being inserted and screwed downward in the stopper, thus bringing the extremities of the extensions 5 to bear upon the sides of the bottle at diametrically opposite points. The label 6 is now placed upon the bottle and pasted or otherwise united thereto, the label being so arranged as to include one or both of the extremities of the extensions 5 between it and the bottle. Upon an attempt to remove the cork or stopper 3, either by pulling the same outward or rotating it, the extensions 5 will tear the label or effect a sufficient mutilation of the same to show that the bottle has been unsealed and the contents thereof removed.

It is within the scope of this invention to provide more than two extensions 5. In fact, any number of such extensions may be employed, or that portion of the device indicated at 5 may be made contiguous, so as to constitute a cap or cup adapted to fit over the neck of the bottle, so as to conceal and protect the cork and to embrace the upper portion of the body of the bottle.

In either of the constructions referred to the removal of the cork will insure the mutilation of the label. Thus a perfect label is a guarantee of the genuineness of the contents of the bottle, thus protecting the manufacturers of special brands of bottled goods against having their bottles subsequently refilled with inferior goods.

It will be understood that the corkscrew may be connected to the extensions 5 in any convenient manner and that the form, proportion, and arrangement of the several extensions may be changed without departing from the spirit or sacrificing any of the advantages of the invention.

Having thus described the invention, what is claimed as new, and desired to be secured by Letters Patent, is—

1. A corkscrew having an extension adapted to lie against the exterior of the body of a bottle so as to be engaged by the label when the corkscrew is inserted in the stopper, substantially as described.

2. A corkscrew provided with oppositely-projecting extensions adapted to lie against the body of the bottle at substantially diametrically opposite points, so as to be engaged by the label when the latter is applied to the bottle and the corkscrew inserted in the stopper, substantially as described.

5 3. The combination with a stopper-protecting device adapted to fit over a cork and em-

brace the body of the bottle so as to be engaged by the label, of a corkscrew permanently secured thereto and adapted to engage the stopper, substantially as described.

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Witnesses:

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